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U. S. Department of Agriculture
Foreign Agricultural Service
Economics, Statistics and
Cooperatives Service

World Crop Production

Approved by the World Food and Agricultural Outlook and Situation Board • USDA

WCP-4-79

October 12, 1979

IMPROVED U.S. CROP PROSPECTS DURING SEPTEMBER ABOUT OFFSET
DECLINES FOR REST OF WORLD

Region	Total grains			Oilseeds			Cotton		
	1979/80			1979/80			1979/80		
	1978/79	Sept.	Oct.	1978/79	Sept.	Oct.	1978/79	Sept.	Oct.
	----- Million metric tons -----						---- Million bales ---		
World	:1574.0	1505.2	1503.8	158.7	176.9	177.6	59.8	64.1	63.8
United States	: 273.1	285.4	288.5	58.3	69.4	70.8	10.9	14.2	14.4
Rest of World	:1300.9	1219.8	1215.3	100.4	107.5	106.7	48.9	49.9	49.5

* The world total grain forecast for 1979/80 of 1504 million metric tons remains largely unchanged from last month's estimate. Lower production estimates in the USSR and India and Eastern Europe were nearly offset by higher forecasts for the United States, Europe and PRC. Foreign grain production is estimated to be down 7 percent from the record 1978/79 level while U.S. output is up 6 percent. This still will be the second largest global harvest on record.

* The 1979/80 world wheat crop forecast remains unchanged from last month's estimate of 401 million tons, and is still expected to be 9 percent smaller than last year's. Lower estimates of production in the USSR and Eastern Europe were offset by increases in the estimates of production for China, Australia, and Western Europe. The U.S. production forecast is largely unchanged from last month.

* The October estimate of the 1979/80 world coarse grain crop is unchanged from last month, but still about 3 percent below last year's record crop. Increased estimates of U.S. and European coarse grain crops offset declines in the Soviet Union, India, and other countries.

* The world rice forecast has been lowered about 1 million tons from last month to an estimated 374 million tons. Continued deterioration of Indian crop prospects have been partly offset by improved conditions in other Southeast Asian countries and Japan.

SOURCES OF ANALYSIS AND DATA

This is the fourth issue of a monthly report that provides the Department's production estimates for wheat, rice, coarse grains, oil-seeds, and cotton in major countries and selected regions of the world.

Forecasts of 1979 U.S. acreage, yield, and production from wheat, cotton, corn, oats, and barley are from the U.S. Crop Production report released today by the Crop Reporting Board of ESCS.

The World Crop Production report draws on information from USDA's global network of agricultural attaches, commodity analysts, country and regional specialists, and the staff of the Joint Agricultural Weather Facility, operated by the National Oceanic and Atmospheric Administration and USDA agricultural meteorologists.

The forecasts in this report reflect the best judgement of commodity and country experts and should be useful in assessing relative production prospects in the major countries of the world. Forecasts for 1979 crops are, however, still subject to a considerable degree of uncertainty. Weather developments in the next several months are certain to alter production prospects throughout the world. The certainty of these forecasts is further limited by the scant amount of information available in many foreign countries.

The reliability of past world grain production estimates and measures of production variability for other crops are on pages 13-15.

The World Crop Production report is prepared by the Foreign Agricultural Service (FAS), the Economics, Statistics and Cooperatives Service (ESCS), the Office of the General Sales Manager (OGSM), and the World Food and Agricultural Outlook and Situation Board (WFAOSB). Principal contributors, in addition to the aforementioned attaches and meteorologists, include:

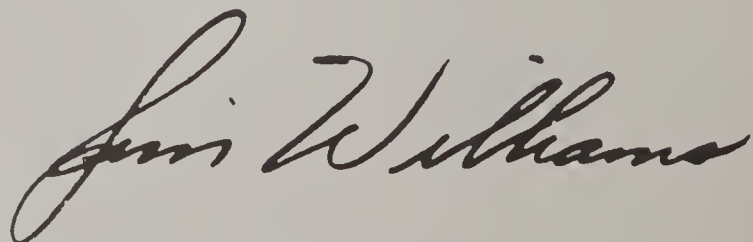
FAS
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A P P R O V E D:



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(continued from page 1)

- * World production of major oilseeds in 1979/80 is projected at 178 million tons, up slightly from the September forecast. Most of the gain is due to improved crop prospects in the United States which are expected to reach a new record.
- * Soybean production is projected at a record of about 94 million tons, about 13 million above 1978/79 and 1 million above the September estimate. Larger U.S. production accounts for the increase.
- * Lowered crop estimates for rapeseed mainly in Canada and Eastern Europe were responsible for a slight net decline in foreign oilseed output. The forecast of world sunflowerseed production is unchanged from last month.
- * The 1979/80 world cotton crop is estimated at 63.8 million bales, down marginally from mid-September indications, but still substantially above 1978/79's 59.8 million. Deterioration in prospects over the past month in such major producing countries as China and India more than offset slightly improved prospects in the United States, Pakistan, Egypt, and Brazil. Record high yields are boosting the U.S. crop to the highest level since 1965.

FOREIGN WEATHER SITUATION UP TO OCTOBER 12

USSR--Frequent precipitation has continued to plague late-season grain harvest operations...winter grain sowing nearly complete with germination conditions variable in major winter grain areas.

EUROPE--Some disruption of maize harvest in France, Italy and Romania due to rain...good soil moisture for winter grain germination.

CHINA--Rainy harvest season in central crop areas is only detriment to an otherwise fine crop year.

INDIA--Virtually no monsoon activity in northwestern third of the country further dimming crop prospects there...increased rainfall in peninsular India has greatly improved conditions in some previously dry areas.

AUSTRALIA--Continuing lack of rain in Queensland and parts of West Australia balanced by excellent growing conditions in all other winter grain areas.

SOUTH AMERICA--Argentine crop areas continue to receive near-normal rainfall...heavy rains in Brazil's southernmost states have hurt wheat prospects, but have created favorable soybean planting conditions.

CANADA--Rainfall tapered off somewhat in September, allowing completion of harvest in the Prairie Provinces.

World crop production summary 1/

Commodity	Major regions and countries										
						Centrally:	Near East				
	North America:					Planned	South Asia	and			
						Asia		Other Asia			
	United States:	Western Europe	Eastern Europe	USSR	PRC	India	Pakistan	Indonesia	Thailand		
	Canada:	States:	Europe	Europe	USSR	PRC	India	stan	nesia	land	
	---Million metric tons---										
:Wheat											
1: 1977/78	: 19.9	55.4	47.7	34.2	92.2	41.0	29.0	9.1	---	---	
2: 1978/79	: 21.1	49.0	58.6	35.8	120.8	45.0	31.3	8.3	---	---	
: 1979/80	:										
3: Sept.proj.	: 17.5	57.8	53.2	30.5	85.0	48.0	34.7	9.9	---	---	
4: Oct. proj.	: 17.3	57.5	54.6	28.6	83.0	49.5	34.7	9.9	---	---	
:Coarse	:										
: grains	:										
5: 1977/78	: 22.3	203.8	87.4	59.2	92.6	74.5	29.8	---	---	2.2	
6: 1978/79	: 20.2	218.0	94.1	59.2	105.3	80.5	30.1	---	---	3.3	
: 1979/80	:										
7: Sept.proj.	: 18.2	221.5	91.1	59.0	85.0	83.0	27.3	---	---	3.6	
8: Oct. proj.	: 18.1	224.7	91.5	61.3	82.0	83.0	25.8	---	---	3.5	
:Rice(rough):	:										
9: 1977/78	: ---	4.5	1.3	---	2.2	129.0	79.1	4.4	23.3	15.0	
10: 1978/79	: ---	6.1	1.6	---	2.1	137.0	80.8	4.9	25.9	16.3	
: 1979/80	:										
11: Sept.proj.	: ---	6.1	1.7	---	2.2	139.0	67.6	4.7	24.6	16.5	
12: Oct. proj.	: ---	6.3	1.7	---	2.2	140.0	64.6	4.8	24.6	17.0	
:Total	:										
: grains 2/:	:										
13: 1977/78	: 42.2	263.7	136.4	93.4	187.0	244.5	137.9	13.5	23.3	17.2	
14: 1978/79	: 41.3	273.1	154.3	95.0	228.2	262.5	142.2	13.2	25.9	19.6	
: 1979/80	:										
15: Sept.proj.	: 35.7	285.4	146.0	89.5	172.2	270.0	129.6	14.6	24.6	20.1	
16: Oct. proj.	: 35.4	288.5	147.8	89.9	167.2	272.5	125.1	14.7	24.6	20.5	
:Oilseeds 3/:	:										
17: 1977/78	: 2.5	56.0	2.2	3.7	11.3	17.4	10.4	1.4	---	---	
18: 1978/79	: 4.2	58.3	2.5	3.8	10.9	19.8	11.5	1.3	---	---	
: 1979/80	:										
19: Sept.proj.	: 4.7	69.4	2.5	3.7	11.0	20.1	10.8	1.6	---	---	
20: Oct. proj.	: 4.3	70.8	2.5	3.4	11.0	20.0	10.7	1.7	---	---	
	:	---Million 480-pound bales---									
:Cotton	:										
21: 1977/78	: ---	14.4	---	---	12.7	9.4	5.6	2.5	---	---	
22: 1978/79	: ---	10.9	---	---	12.3	10.0	6.3	2.1	---	---	
: 1979/80	:										
23: Sept.proj.	: ---	14.2	---	---	12.8	10.2	5.9	2.7	---	---	
24: Oct. proj.	: ---	14.4	---	---	12.8	9.8	5.7	2.8	---	---	
	:										

1/ 1978/79 estimates are preliminary. 1979/80 projections are based on surveys, trends, and judgement of commodity and country analysts. USDA Crop Reporting Board estimates are used for the United States.

2/ Includes total of wheat, coarse grains, and rice shown above. Soviet estimate of 175 million tons in special circular FG-16-79 (10-12-79) includes about 8 million tons of minor grain and pulses.

world crop production summary 1/--Continued

Major regions and countries									
: Middle East	: Latin America	:	:	: Total for:	:	: World	:	:	:
: and	: and	: Oceania	:	: major	: Other	: less	:	:	:
: Africa	: Caribbean	:	:	: regions	: coun-	: United	: World	:	:
: South	: Argen-	:	:	: and	: tries	: States	:	:	:
: Africa	: Turkey	: tina	: Brazil	: Australia	: countries	:	:	:	:
---Million metric tons---									
1.9	13.5	5.7	2.1	9.4	360.9	21.9	327.4	382.8	: 1
1.6	13.3	8.1	2.7	18.3	414.1	24.4	389.6	438.6	: 2
1.8	12.7	7.7	3.5	15.0	377.3	23.8	343.3	401.1	: 3
1.8	12.7	8.0	3.1	16.0	376.7	24.0	343.2	400.7	: 4
11.0	7.3	18.1	14.4	4.3	627.1	76.2	499.6	703.4	: 5
8.3	7.3	17.2	16.9	7.1	667.8	82.3	532.0	750.0	: 6
9.9	7.1	16.7	19.1	5.8	647.3	82.0	507.8	729.3	: 7
9.9	7.1	16.7	19.1	5.9	648.6	80.9	504.8	729.5	: 8
---	---	.3	7.5	.5	267.1	104.3	366.9	371.4	: 9
---	---	.3	7.7	.7	283.4	102.0	379.3	385.4	: 10
---	---	.3	9.0	.7	272.4	102.4	368.7	374.8	: 11
---	---	.3	9.0	.7	271.2	102.4	367.3	373.6	: 12
12.9	20.8	24.1	24.0	14.2	1255.1	202.4	1193.9	1457.6	: 13
9.9	20.6	25.6	27.3	26.1	1365.3	208.7	1300.9	1574.0	: 14
11.7	19.8	24.7	31.6	21.5	1297.0	208.2	1219.8	1505.2	: 15
11.7	19.8	25.0	31.2	22.6	1296.5	207.3	1215.3	1503.8	: 16
---	---	5.0	11.4	---	121.2	16.5	94.6	150.6	: 17
---	---	6.2	12.4	---	130.9	16.3	100.4	158.7	: 18
---	---	6.9	15.0	---	145.8	17.5	107.5	176.9	: 19
---	---	6.9	15.0	---	146.3	17.7	106.7	177.6	: 20
---Million 480-pound bales---									
---	2.6	---	2.2	---	49.4	14.5	49.5	63.9	: 21
---	2.2	---	2.6	---	46.4	13.4	48.9	59.8	: 22
---	2.2	---	2.7	---	50.7	13.4	49.9	64.1	: 23
---	2.2	---	2.8	---	50.4	13.4	49.5	83.8	: 24

3/ Totals for major regions and countries and other countries include the five major oilseeds shown elsewhere in this report, while world total also includes sesame seed, safflower seed, flax seed, castor beans, copra, and palm kernels for countries shown plus other countries.

---No production reported or insignificant production.

*Totals may not add due to rounding.

Wheat area, yield, and production: World and selected countries and regions 1/

Region/country	Area		Yield		Production	
	: 1977/78	: 1978/79	: 1977/78	: 1978/79	: 1977/78	: 1978/79
	proj.	proj.	proj.	proj.	1979/80	proj.
	Oct.	Sept.	Oct.	Sept.	Oct.	Sept.
	-----	-----	-----	-----	-----	-----
	Million hectares	Million hectares	tons per hectare	tons per hectare	Million metric tons	Million metric tons
North America	10.1	10.6	1.96	2.00	19.9	21.1
Canada	26.9	23.0	2.06	2.13	55.4	49.0
United States	14.8	15.8	3.21	3.70	47.7	58.6
Western Europe	10.0	10.0	3.42	3.56	34.2	35.8
Eastern Europe	62.0	62.9	1.49	1.92	92.2	120.8
USSR	27.5	27.6	1.49	1.63	41.0	45.0
Centrally Planned Asia	20.9	21.2	1.39	1.48	29.0	31.3
PRC	6.4	6.4	1.43	1.30	9.1	8.3
South Asia	1.7	1.8	1.09	.89	1.9	1.6
India	8.5	8.6	1.59	1.55	13.5	13.3
Pakistan	3.9	4.7	1.46	1.73	5.7	8.1
Middle East and Africa	2.8	2.8	.74	.96	2.1	2.7
South Africa	10.0	10.1	.94	1.80	9.4	18.3
Turkey	205.6	205.5	1.75	2.01	360.9	414.1
Latin America & Caribbean	20.2	20.5	1.08	1.19	21.9	24.4
Argentina	225.7	226.0	1.69	1.94	382.8	438.6
Brazil	198.8	203.0	1.64	1.92	327.4	389.6
Oceania	24.0	25.4	1.44	1.87	34.9	47.5
Australia	205.6	205.5	1.75	2.01	360.9	414.1
Total above	20.2	20.5	1.08	1.19	21.9	24.4
Other countries & regions	225.7	226.0	1.69	1.94	382.8	438.6
World	198.8	203.0	1.64	1.92	327.4	389.6
World less United States	24.0	25.4	1.44	1.87	34.9	47.5
Major foreign exporters 2/	205.6	205.5	1.75	2.01	360.9	414.1
	20.2	20.5	1.08	1.19	21.9	24.4
	225.7	226.0	1.69	1.94	382.8	438.6
	198.8	203.0	1.64	1.92	327.4	389.6
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	225.7	226.0	1.69	1.94	382.8	438.6
	198.8	203.0	1.64	1.92	327.4	389.6
	24.0	25.4	1.44	1.87	34.9	47.5
	205.6	205.5	1.75	2.01	360.9	414.1
	20.2	20.5	1.08	1.19	21.9	24.4
	225.7	226.0	1.69	1.94	382.8	438.6
	198.8	203.0	1.64	1.92	327.4	389.6
	24.0	25.4	1.44	1.87	34.9	47.5
	205.6	205.5	1.75	2.01	360.9	414.1
	20.2	20.5	1.08	1.19	21.9	24.4
	225.7	226.0	1.69	1.94	382.8	438.6
	198.8	203.0	1.64	1.92	327.4	389.6
	24.0	25.4	1.44	1.87	34.9	47.5
	205.6	205.5	1.75	2.01	360.9	414.1
	20.2	20.5	1.08	1.19	21.9	24.4
	225.7	226.0	1.69	1.94	382.8	438.6
	198.8	203.0	1.64	1.92	327.4	389.6
	24.0	25.4	1.44	1.87	34.9	47.5
	205.6	205.5	1.75	2.01	360.9	414.1
	20.2	20.5	1.08	1.19	21.9	24.4
	225.7	226.0	1.69	1.94	382.8	438.6
	198.8	203.0	1.64	1.92	327.4	389.6
	24.0	25.4	1.44	1.87	34.9	47.5
	205.6	205.5	1.75	2.01	360.9	414.1
	20.2	20.5	1.08	1.19	21.9	24.4
	225.7	226.0	1.69	1.94	382.8	438.6
	198.8	203.0	1.64	1.92	327.4	389.6
	24.0	25.4	1.44	1.87	34.9	47.5
	205.6	205.5	1.75	2.01	360.9	414.1
	20.2	20.5	1.08	1.19	21.9	24.4
	225.7	226.0	1.69	1.94	382.8	438.6
	198.8	203.0	1.64	1.92	327.4	389.6
	24.0	25.4	1.44	1.87	34.9	47.5
	205.6	205.5	1.75	2.01	360.9	414.1
	20.2	20.5	1.08	1.19	21.9	24.4
	225.7	226.0	1.69	1.94	382.8	438.6
	198.8	203.0	1.64	1.92	327.4	389.6
	24.0	25.4	1.44	1.87	34.9	47.5
	205.6	205.5	1.75	2.01	360.9	414.1
	20.2	20.5	1.08	1.19	21.9	24.4
	225.7	226.0	1.69	1.94	382.8	438.6
	198.8	203.0	1.64	1.92	327.4	389.6
	24.0	25.4	1.44	1.87	34.9	47.5
	205.6	205.5	1.75	2.01	360.9	414.1</

Coarse grains area, yield, and production: World and selected countries and regions 1/

Region/country	Area		Yield		Production	
	: 1977/78	: 1978/79	: 1977/78	: 1978/79	: 1977/78	: 1978/79
North America						
Canada	8.5	8.2	7.0	2.63	2.48	2.57
United States	44.0	42.6	40.8	4.63	5.11	5.51
Western Europe	25.2	25.3	25.4	3.47	3.72	3.60
Eastern Europe	19.4	19.2	20.0	3.05	3.09	3.07
USSR	60.6	57.9	62.5	1.53	1.82	1.31
Centrally Planned Asia						
PRC	38.0	38.5	38.7	1.96	2.09	2.14
South Asia						
India	42.6	42.5	42.1	.70	.71	.61
Near East and Other Asia						
Thailand	1.7	1.7	1.7	1.36	1.97	2.10
Middle East and Africa						
South Africa	5.5	5.5	5.5	2.00	1.49	1.81
Turkey	4.1	4.2	4.2	1.76	1.74	1.71
Latin America & Caribbean						
Argentina	6.1	6.4	6.1	2.95	2.70	2.74
Brazil	11.0	12.1	12.7	1.31	1.40	1.50
Oceania						
Australia	4.4	4.8	4.5	.97	1.50	1.32
Total above	271.1	268.7	271.2	2.31	2.49	2.39
Other countries & regions	78.3	78.7	80.0	.97	1.05	1.01
World	349.5	347.4	351.2	2.01	2.16	2.08
World less United States	305.5	304.8	310.4	1.64	1.74	1.63
Major foreign ex- porters 2/	37.1	38.6	37.5	1.95	1.89	1.95

1/ Totals and averages based on unrounded data. 1978/79 is estimated and preliminary. 1979/80 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Canada, Australia, Argentina, South Africa, Thailand, and Brazil.

Region/country	Area			Yield			Production		
	:	:	:	:	:	:	:	:	
	:1977/78	:1978/79	:1979/80	:1977/78	:1978/79	:1979/80	:1977/78	:1978/79	:1979/80
	-----	Million hectares	-----	Metric tons per hectare	-----	Million metric tons	-----	-----	-----
North America									
United States	0.9	1.2	1.2	4.95	5.05	5.12	4.5	6.1	6.3
Western Europe	.3	.3	.3	4.14	5.06	5.12	1.3	1.6	1.7
USSR	.5	.6	.6	4.06	3.61	3.67	2.2	2.1	2.2
Centrally Planned Asia									
PRC	36.2	36.0	35.2	3.56	3.81	3.98	129.0	137.0	140.0
South Asia									
Bangladesh	10.1	10.0	10.0	1.93	1.88	1.83	19.5	18.8	18.3
Burma	5.2	5.2	5.2	1.87	2.01	1.97	9.6	10.5	10.3
India	40.0	40.0	38.0	1.98	2.02	1.70	79.1	80.8	64.6
Pakistan	1.9	2.0	1.9	2.33	2.44	2.53	4.4	4.9	4.8
Near East and Other Asia									
Indonesia	8.4	8.9	8.7	2.79	2.91	2.83	23.3	25.9	24.6
Japan	2.8	2.5	2.5	5.94	6.18	5.96	16.4	15.7	15.0
South Korea	1.2	1.2	1.2	6.78	5.98	6.67	8.3	7.4	8.0
Thailand	8.6	8.6	8.7	1.74	1.90	1.95	15.0	16.3	17.0
Latin America & Caribbean									
Argentina	.1	.1	.1	3.26	3.06	3.08	.3	.3	.3
Brazil	5.2	5.8	6.4	1.44	1.33	1.41	7.5	7.7	9.0
Oceania									
Australia	.1	.1	.1	5.39	6.28	6.00	.5	.7	.7
Total above	121.4	122.6	120.1	2.64	2.74	2.69	321.0	335.8	322.8
Other countries & regions									
World	143.7	144.6	141.3	2.58	2.67	2.64	371.4	385.4	373.6
World less United States	142.8	143.3	140.1	2.57	2.65	2.62	366.9	379.3	367.3
Major foreign exporters	15.7	15.9	15.9	1.88	2.03	2.06	29.6	32.4	32.8

1/ Totals and averages based on unrounded data. 1978/79 is estimated and preliminary. 1979/80 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Australia, Burma, Pakistan, and Thailand.

Soybean area, yield, and production: World and selected countries and regions 1/

Region/country	Area		Yield		Production	
	: 1977/78	: 1978/79	: 1977/78	: 1978/79	: 1977/78	: 1978/79
North America						
Canada	0.20	0.28	1.81	2.22	0.53	0.63
United States	23.32	25.63	1.99	2.12	47.95	59.17
Eastern Europe	.29	.37	1.26	1.29	.40	.48
USSR	.79	.82	.78	.71	.54	.60
Centrally Planned Asia						
PRC	9.10	9.20	1.14	1.14	9.50	10.50
South Asia						
India	.25	.30	.67	.61	.15	.25
Latin America & Caribbean						
Argentina	1.20	1.70	2.24	2.14	2.70	3.80
Brazil	7.60	7.96	1.38	1.64	10.20	11.00
Paraguay	.28	.30	1.25	1.57	.28	.38
Total above	43.02	46.56	1.68	1.82	72.24	78.39
Other countries & regions	2.20	2.34	1.07	1.22	2.42	2.52
World	45.22	48.90	1.65	1.79	74.66	80.90
World less United States	21.90	23.27	1.29	1.40	26.72	30.01
Major foreign exporters 2/	9.08	9.96	1.52	1.73	13.18	15.18

1/ Totals and averages based on unrounded data. 1978/79 is estimated and preliminary. 1979/80 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Argentina, Brazil, and Paraguay.

Oilseeds production: World and selected countries, regions, and commodities 1/

Commodity	Major regions and countries							
	North America		Europe		USSR		Asia	
	United States		Western Europe	Eastern Europe	Centrally Planned		South Asia	Pakistan
	Canada	States	Europe	Europe	USSR	PRC	India	stan
---Million metric tons---								
<u>Cottonseed</u>								
1: 1977/78	---	5.01	.39	.04	4.80	4.10	2.54	1.12
2: 1978/79	---	3.80	.36	.04	4.94	4.34	2.84	.96
: 1979/80								
3: Sept. proj.	---	5.04	.32	.04	5.13	4.44	2.69	1.28
4: Oct. proj.	---	5.08	.32	.04	5.13	4.27	2.61	1.33
<u>Peanuts</u>								
(In-shell)								
5: 1977/78	---	1.69	.02	---	---	2.33	6.07	.07
6: 1978/79	---	1.81	.02	---	---	2.85	6.35	.04
: 1979/80								
7: Sept. proj.	---	1.86	.02	---	---	2.85	5.80	.06
8: Oct. proj.	---	1.86	.02	---	---	2.95	5.70	.06
<u>Sunflowerseed</u>								
9: 1977/78	.08	1.33 3/	.52	1.93	5.90	.07	---	---
10: 1978/79	.11	1.84 3/	.59	1.95	5.33	.07	---	---
: 1979/80								
11: Sept. proj.	.20	3.14-3.47 4/	.73	2.07	5.30	.07	---	---
12: Oct. proj.	.20	3.66	.73	2.12	5.30	.07	---	---
<u>Rapeseed</u>								
13: 1977/78	1.94	---	1.27	1.30	.02	1.38	1.62	.24
14: 1978/79	3.50	---	1.57	1.36	.02	2.03	2.10	.26
: 1979/80								
15: Sept. proj.	3.90	---	1.45	1.02	.02	2.24	2.10	.26
16: Oct. proj.	3.49	---	1.46	.76	.02	2.24	2.10	.26

1/ Totals and averages based on unrounded data. 1978/79 is estimated and preliminary. 1979/80 is projected based on surveys, trends, and analysts' judgement.

2/ Countries included: India, Sudan, Argentina, and Brazil for cottonseed; Eastern Europe and Argentina, sunflowerseed; Canada, rapeseed; and India, Senegal, Sudan, Argentina, and Brazil, peanuts.

3/ Assumes reported production for four States representing 94 percent of U.S. total in 1977/78 and 95 percent in 1978/79.

4/ Alternatively assumes relatively favorable and unfavorable production conditions; not USDA Crop Reporting Board forecast.

---No production reported or less than 5,000 tons.

Oilseeds production: World and selected countries, regions, and commodities--Cont.

Major regions and countries											
: Middle East	:	: Latin America	:	: Total for:	:	: Other	:	: World	:	: Major	
: and	:	: and	:	: major	:	: coun-	:	: less	:	: foreign	
: Africa	:	: Caribbean	:	: regions	:	: tries	:	: World	:	: United	: ex-
:	:	: Argen-	:	: Para-	:	: and	:	: and	:	: States	: porters
: Egypt:Senegal:Sudan:	:	: tina	:	: Brazil:guay	:	: countries:	:	: regions:	:	:	: 2/
---Million metric tons---											
.69	---	.36	.36	.84	.18	20.43	4.87	25.30	20.29	4.10	: 1
.76	---	.24	.26	1.00	.14	19.67	4.54	24.21	20.41	4.34	: 2
.65	---	.30	.35	1.02	.19	21.45	4.43	25.88	20.84	4.36	: 3
.72	---	.30	.30	1.05	.21	21.35	4.34	25.69	20.61	4.26	: 4
.03	.68	1.02	.37	.34	.02	12.64	4.38	17.02	15.33	8.48	: 5
.03	1.10	.83	.68	.43	.02	14.16	4.36	18.53	16.72	9.39	: 6
.03	1.20	1.10	.58	.45	.02	13.97	4.41	18.38	16.52	9.12	: 7
.03	1.20	1.10	.58	.42	.02	13.93	4.58	18.52	16.66	9.10	: 8
.01	---	---	1.60	---	---	11.44	1.26	12.71	11.38	3.53	: 9
.01	---	---	1.43	---	---	11.33	1.08	12.41	10.57	3.38	:10
.01	---	---	1.50	---	---	13.18	1.22	14.40	11.10	3.57	:11
.01	---	---	1.50	---	---	13.58	1.23	14.81	11.16	3.62	:12
---	---	---	---	---	---	7.75	.28	8.03	8.03	1.94	:13
---	---	---	---	---	---	10.82	.32	11.14	11.14	3.48	:14
---	---	---	---	---	---	10.99	.35	11.34	11.34	3.90	:15
---	---	---	---	---	---	10.32	.35	10.66	10.66	3.49	:16

- 12 -
WCP-4-79

- 1/ Totals and averages based on unrounded data. 1978/79 is estimated and preliminary. 1979/80 is projected based on surveys, trends, and analysts' judgement.
- 2/ Includes Nicaragua, Guatemala, El Salvador, Honduras, and Costa Rica.
- 3/ Includes the USSR, Pakistan, Egypt, Turkey, Central America, and Mexico.

1/ Totals and averages based on unrounded data. 1978/79 is estimated and preliminary. 1979/80 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Nicaragua, Guatemala, El Salvador, Honduras, and Costa Rica.

3/ Includes the USSR, Pakistan, Egypt, Turkey, Central America, and Mexico.

WHEAT: RELIABILITY OF OCTOBER WORLD CROP PRODUCTION FORECASTS

Region	Standard Error of Estimate from Trend-68% Confidence Level		Six Year Record of Difference Between October Forecast & Final Estimate					
	Percent	Quantity	Average Percent	Quantity			Number of Years ^{3/}	
				Average	Smallest	Largest	Below Final	Above Final
	Million MT		(-----Million MT-----)					
<u>North America</u>								
Canada	20.1	3	2.8	-	- 1/	1	3	3
United States	10.5	5	0.6	-	-	1	4	2
<u>Western Europe</u>	7.7	4	1.8	1	1	2	4	2
<u>Eastern Europe</u>	8.1	3	2.9	1	-	2	3	3
<u>Oceania</u>								
Australia	25.0	3	19.0	2	1	5	4	2
<u>South Asia</u>								
India	8.8	2	5.0	1	-	3	3	2
Pakistan	6.5	1					N/A	N/A
<u>Centrally Planned Asia</u>								
China	5.4	2					N/A	N/A
<u>USSR</u>	17.0	16	8.1	8	3	12	3	3
<u>Middle East and Africa</u>								
South Africa	11.8	-					N/A	N/A
Turkey	13.5	1					N/A	N/A
<u>Latin America & Caribbean</u>								
Argentina	24.3	2	15.0	1	1	2	4	2
Brazil	30.0	1					N/A	N/A
<u>Total Above</u>			3.8	11	4	21	3	3
<u>Others</u>	6.4	3	2.8	2	-	5	5	1
<u>World Total</u>	5.3	19	3.0	11	4	22	3	3
<u>World Less U.S.</u>	6.7	21	3.4	11	2	21	3	3
<u>Major Competitors ^{2/}</u>	17.2	6	5.8	2	-	6	3	2

1/ Less than 500,000 tons

2/ Includes Canada, Australia, and Argentina

3/ May not add up to 6 if October estimate was the same as final

Note 1: N/A means no published forecasts are available.

Note 2: Standard errors of the estimates are derived from 10 year production trends, 1969-1978. The 6 year record is based upon absolute differences from final estimates.

FAS:CP:G&F:September 11, 1979

11:9 & 10

COARSE GRAINS: RELIABILITY OF OCTOBER WORLD CROP PRODUCTION FORECASTS

Region	Standard Error of Estimate from Trend-68% Confidence Level		Six Year Record of Difference Between October Forecast & Final Estimate					
	Percent	Quantity	Average Percent	Quantity			Number of Years ^{2/} Below : Above Final : Final	
				Average	Smallest	Largest		
	Million MT		(-----Million MT-----)					
<u>North America</u>								
Canada	10.8	2	4.9	1	- 1/	2	3	3
United States	9.1	17	2.2	5	-	10	5	1
<u>Western Europe</u>	6.8	6	1.2	.1	-	2	6	0
<u>Eastern Europe</u>	5.4	3	4.0	2	-	4	5	1
<u>Oceania</u>								
Australia	20.0	1	16.4	1	-	1	2	4
<u>South Asia</u>								
India	8.9	3					N/A	N/A
<u>Centrally Planned Asia</u>								
China	3.4	2					N/A	N/A
<u>Near East & Other Asia</u>								
Thailand	20.0	1	3.4	-	-	-	2	1
<u>USSR</u>	16.3	14	8.0	7	2	12	4	2
<u>Middle East and Africa</u>								
South Africa	27.3	2	13.0	1	-	3	4	2
Turkey	10.6	1					N/A	N/A
<u>Latin America & Caribbean</u>								
Argentina	17.1	3	14.4	2	1	4	4	2
Brazil	9.9	2	9.9	2	-	3	3	3
<u>Total Above</u>			2.1	11	3	19	3	3
<u>Others</u>	4.1	3	2.5	3	1	11	5	1
<u>World Total</u>	3.4	22	1.9	12	2	22	3	3
<u>World Less U.S.</u>	3.3	16	2.5	11	3	28	3	3
<u>Major Competitors ^{3/}</u>	6.3	4	4.3	3	1	5	2	4

1/ Less than 500,000 tons

2/ May not add to 6 if October estimate was the same as final

3/ Includes Canada, Australia, Argentina, S. Africa, Thailand, and Brazil

Note 1: N/A means no published forecasts are available.

Note 2: Standard errors of the estimates are derived from 10 year production trends, 1969-1978. The 6 year record is based upon absolute differences from final estimates.

FAS:CP:G&F:October 11, 1979

11:11/12/13

Cotton, rice (rough), and oilseeds production: 1979/80 trend projections and
standard errors 1/

Regions	Cotton			Rice (rough)			Oilseeds		
	Trend	Standard error		Trend	Standard error		Trend	Standard error	
	Pro-	Quan-		Pro-	Quan-		Pro-	Quan-	
	jection:	tity	Percent	jection:	tity	Percent	jection:	tity	Percent
	---Mil. bales---			---Mil. MT---			---Mil. MT---		
North America :									
Canada :	---	---	---	---	---	---	2.3 <u>2/</u>	0.7	30.4
U.S. <u>3/</u> :	14.4	.8	5.3	6.3	.1	2.4	60.2	2.0	3.3
Western Europe:	---	---	---	1.2	.1	8.3	---	---	---
Eastern Europe:	---	---	---	---	---	---	---	---	---
USSR :	13.1	.5	3.8	2.5	.1	4.0	5.4 <u>4/</u>	.8	14.8
Centrally :									
Planned Asia:									
PRC :	10.7	1.1	10.3	134.3	4.9	3.6	---	---	---
South Asia :									
Bangladesh :	---	---	---	19.1	1.3	6.8	---	---	---
Burma :	---	---	---	10.2	.5	4.9	---	---	---
India :	5.9	.5	8.5	77.0	5.6	7.3	6.1 <u>5/</u>	.8	13.1
Pakistan :	2.2	.4	18.2	4.7	.3	6.4	---	---	---
Near East & :									
Other Asia :									
Indonesia :	---	---	---	25.7	.7	2.7	---	---	---
Japan :	---	---	---	15.5	1.2	7.7	---	---	---
South Korea :	---	---	---	7.9	.5	6.3	---	---	---
Thailand :	---	---	---	16.2	.7	4.3	---	---	---
Middle East :									
and Africa :									
Egypt :	1.7	.1	5.9	---	---	---	---	---	---
Senegal :	---	---	---	---	---	---	.9 <u>5/</u>	.2	22.2
South Africa :	---	---	---	---	---	---	---	---	---
Turkey :	2.5	.3	12.0	---	---	---	---	---	---
Latin America :									
& Caribbean :									
Argentina :	---	---	---	.3	.04	13.3	---	---	---
Brazil :	2.1	.4	19.0	8.5	.6	7.1	14.2 <u>6/</u>	1.5	10.6
Mexico :	1.3	.4	30.8	---	---	---	---	---	---
Oceania :									
Australia :	---	---	---	.6	.1	16.7	---	---	---
Foreign :	50.3	2.9	5.8	372.0	7.7	2.1	---	---	---
World :	62.3	4.3	6.9	378.0	7.8	2.1	158.8	6.2	3.9 <u>7/</u>

1/ This table provides a measure of year-to-year variability in production from linear trend during 1969/70-1978/79. Data reflect one standard error, i.e. 68-percent confidence level. In the case of USSR cotton, for example, there is a 68-percent probability that 1979/80 production will total within 0.5 million bales or 3.8 percent of the trend projection of 13.1 million. Production estimates may differ from trend, based on analysts' judgement and other factors. 2/ Rapeseed. 3/ Crop Reporting Board estimates of U.S. production and associated root mean square errors. Oilseeds are soybeans only. 4/ Sunflowerseed. 5/ Peanuts. 6/ Soybeans. 7/ Percentages for individual oilseeds: soybeans, 5.4; cottonseed, 6.8; sunflowerseed, 8.3; peanuts, 5.7; and rapeseed 10.1.

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**AGR 101
FIRST CLASS**